HUMAN BRAIN MAPPING

VOLUME 7, 1999

Peter T. Fox
Editor-in-Chief

© 1999 Wiley-Liss, Inc.
605 Third Avenue
New York, NY 10158-0012

VOLUME 7, NUMBER 1, 1999

◆ *1* Mixture Model Mapping of Brain Activation in Functional Magnetic Resonance Images
Brian S. Everitt and Edward T. Bullmore

◆ *15* Auditory and Visual Word Processing Studied With fMRI
Michael W.L. Chee, Kathleen M. O'Craven, Ruth Bergida, Bruce R. Rosen, and Robert L. Savoy

◆ *29* Location of Human Face-Selective Cortex With Respect to Retinotopic Areas
Eric Halgren, Anders M. Dale, Martin I. Sereno, Roger B.H. Tootell, Ksenija Marinkovic, and Bruce R. Rosen

◆ *38* Methods for Diagnosis and Treatment of Stimulus-Correlated Motion in Generic Brain Activation Studies Using fMRI
E.T. Bullmore, M.J. Brammer, S. Rabe-Hesketh, V.A. Curtis, R.G. Morris, S.C.R. Williams, T. Sharma, and P.K. McGuire

◆ *49* Lateralized Auditory Spatial Perception and the Contralaterality of Cortical Processing as Studied With Functional Magnetic Resonance Imaging and Magnetoencephalography
Marty G. Woldorff, Claus Tempelmann, Juergen Fell, Carola Tegeler, Birgit Gaschler-Markefski, Hermann Hinrichs, Hans-Jochen Heinze, and Henning Scheich

◆ *67* Perception of First- and Second-Order Motion: Separable Neurological Mechanisms?
Lucia M. Vaina, Alan Cowey, and David Kennedy

VOLUME 7, NUMBER 2, 1999

◆ *79* Quantitative Assessment of Auditory Cortex Responses Induced by Imager Acoustic Noise
Thomas M. Talavage, Whitney B. Edmister, Patrick J. Ledden, and Robert M. Weisskoff

◆ *89* Improved Auditory Cortex Imaging Using Clustered Volume Acquisitions
Whitney B. Edmister, Thomas M. Talavage, Patrick J. Ledden, and Robert M. Weisskoff

◆ *98* A ^{15}O-H_2O PET Study of Meditation and the Resting State of Normal Consciousness
Hans C. Lou, Troels W. Kjaer, Lars Friberg, Gordon Wildschiodtz, Søren Holm, and Markus Nowak

◆ *106* Event-Related fMRI of Tasks Involving Brief Motion
Rasmus M. Birn, Peter A. Bandettini, Robert W. Cox, and Reza Shaker

◆ *115* Adult Age Differences in the Functional Neuroanatomy of Verbal Recognition Memory
David J. Madden, Timothy G. Turkington, James M. Provenzale, Laura L. Denny, Thomas C. Hawk, Lawrence R. Gottlob, and R. Edward Coleman

◆ *136* B-SPID: An Object-Relational Database Architecture to Store, Retrieve, and Manipulate Neuroimaging Data
Barrou Diallo, Florent Dolidon, Jean-Marcel Travere, and Bernard Mazoyer

VOLUME 7, NUMBER 3, 1999

◆ *151* Effect of Partition Coefficient, Permeability Surface Product, and Radioisotope on the Signal-to-Noise Ratio in PET Functional Brain Mapping: A Computer Simulation
Charles C. Martin, Paul A. Jerabek, Lisa D.H. Nickerson, and Peter T. Fox

◆ *161* Backus and Gilbert Method for Vector Fields
Rolando Grave de Peralta Menendez and Sara L. Gonzalez Andino

◆ *166* Analysis of Brain Activation Patterns Using a 3-D Scale-Space Primal Sketch
Tony Lindeberg, Pär Lidberg, and Per E. Roland

◆ *195* Bayesian Inference Applied to the Electromagnetic Inverse Problem
David M. Schmidt, John S. George, and C.C. Wood

◆ *213* "Sparse" Temporal Sampling in Auditory fMRI
Deborah A. Hall, Mark P. Haggard, Michael A. Akeroyd, Alan R. Palmer, A. Quentin Summerfield, Michael R. Elliott, Elaine M. Gurney, and Richard W. Bowtell

VOLUME 7, NUMBER 4, 1999

◆ *225* Neural Pathways Involved in the Processing of Concrete and Abstract Words
Kent A. Kiehl, Peter F. Liddle, Andra M. Smith, Adrianna Mendrek, Bruce B. Forster, and Robert D. Hare

◆ *234* Learning-Related Effects and Functional Neuroimaging
Karl Magnus Petersson, Christina Elfgren, and Martin Ingvar

◆ *244* Brain SPECT Imaging and Left Hemispatial Neglect Covaried Using Partial Least Squares: The Sunnybrook Stroke Study
F.S. Leibovitch, S.E. Black, C.B. Caldwell, A.R. McIntosh, L.E. Ehrlich, and J.P. Szalai

◆ *254* Nonlinear Spatial Normalization Using Basis Functions
John Ashburner and Karl J. Friston

◆ *267* Reproducibility of BOLD-Based Functional MRI Obtained at 4 T
Carola Tegeler, Stephen C. Strother, Jon R. Anderson, and Seong-Gi Kim

◆ *284* Author Index to Volume 7

◆ *285* Subject Index to Volume 7